Savant Wireless Thermostat (SST-W100) Quick Reference Guide

The Savant Wireless Thermostat (SST-W100) is a Wi-Fi enabled wireless digital thermostat designed to control Heating, Ventilation and Air Conditioning (HVAC) systems which communicate wirelessly over Wi-Fi to a Savant System. The SST-W100 is designed to integrate seamlessly into a Savant controlled environment.

Box Contents

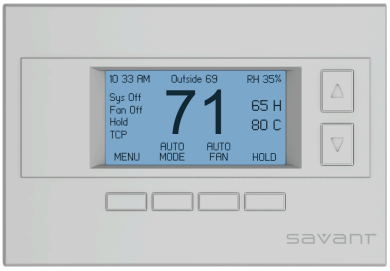
(1) SST-W100
(1) Installation Kit (xxx)
(1) Quick Reference Guide (this document)

Optional Components

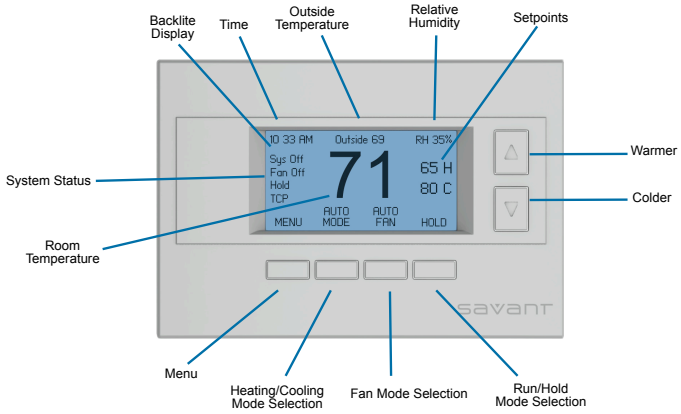
SST-TEMP1 - Remote Temperature Sensor

Specifications

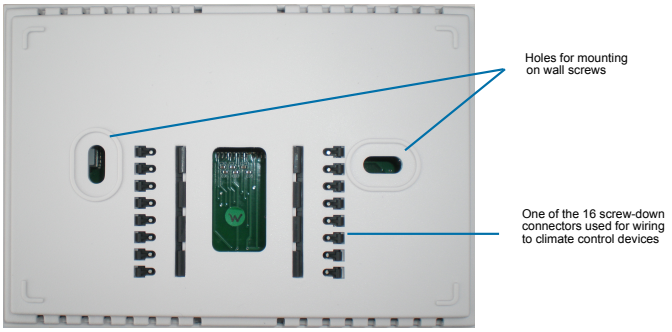
Environmental	
Temperature	32° to 104° F (0° to 40° C)
Humidity	10% to 90% Relative Humidity (non-condensing)
Dimensions and Weight	
Height	3.96 in/10.06 cm
Width	5.775 in/14.67 cm
Depth	.58 in/1.47 cm
Weight	0.5 lb/.23 kg
Power	
Power Supply	24V AC (requires both R and C from the HVAC system)
Compliance	
Safety and Emissions	FCC Part 15 | UL Class 2
RoHS	Compliant



Front View of SST-W100



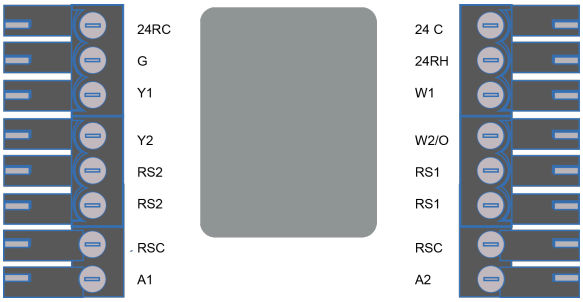
Front View with Callouts



Rear View of SST-W100

Wiring

Screw-down connectors on the inside of the back cover of the SST-W100 are used for wiring connections to various climate control devices. Use the next figure to identify these connectors described in the next table.



Screw-down Connectors on SST-W100

Left Side		Right Side	
24RC	Cooling 24V	24C	24V AC Common (Required)
G	Fan Output	24RH	24V Heating
Y1	Cooling Stage 1 output (Compressor)	W1	Heat Stage 1 output (standard gas/electric HVAC) Auxiliary Heating (heat pump HVAC)
Y2	Cooling Stage 2 output (Compressor)	W2/O	Heat Stage 2 output (standard gas/electric HVAC) Change Over Valve (heat pump HVAC)
RS2	Remote Sensor 2	RS1	Remote Sensor 1
RS2	Remote Sensor 2	RS1	Remote Sensor 1
RSC	Sensor Shield	RSC	Sensor shield
A1	Auxiliary 1 Relay	A2	Auxiliary 2 Relay

NOTE: The *Savant Wireless Remote Temperature Sensor (SST-TEMP1)* Quick Reference Guide is available at: **dealers.SavantSystems.com**
Savant Hardware > Energy Management

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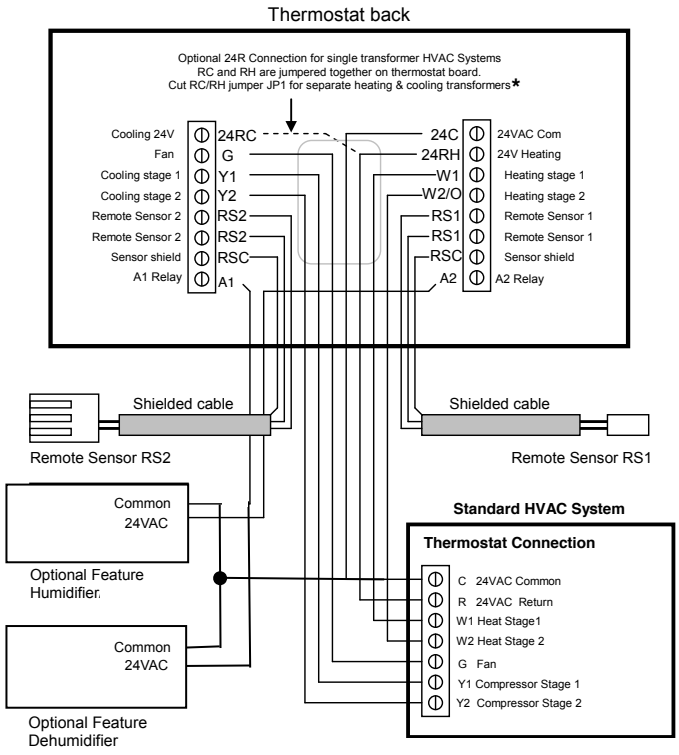
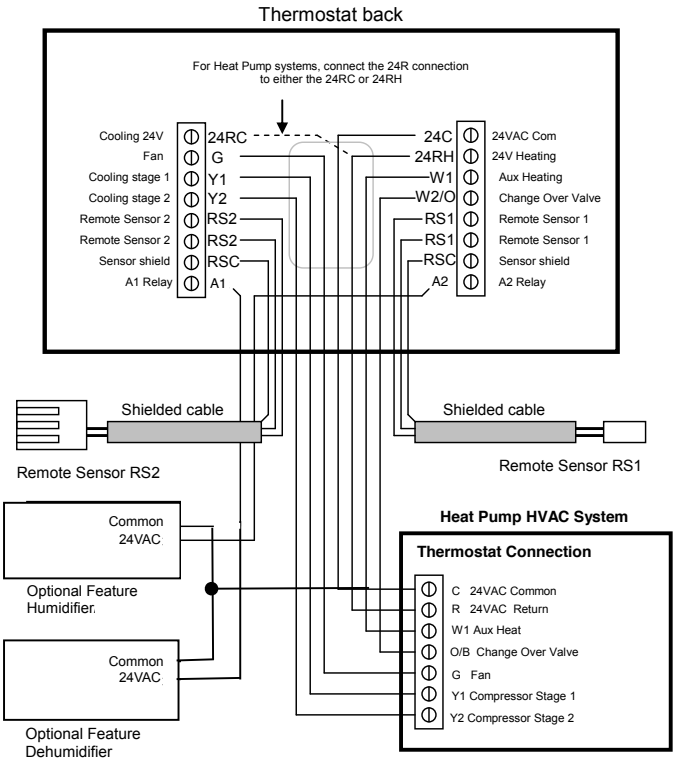
Standard Gas/Electric HVAC System Wiring



NOTE: If there is a separate transformer for the heating and cooling system, clip the jumper (JP1)located next to the mini-USB connector on the right side of the circuit board.

For installation of the SST-W100 Wireless Thermostat, see the *SST-W100 Deployment Guide* available at: **dealers.SavantSystems.com**
Savant Hardware > Energy Management

Heat Pump HVAC System Wiring



Additional Documentation

Additional Documentation for the SST-W100 and the SST-TEMP1 is available at:
dealers.SavantSystems.com
Savant Hardware > Energy Management

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